Attorney Docket No: 29936/39893

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inve	ntor, I hereby decla	re that my residence,	ost office ac	ldress and citizens	hip are as stated	d below
next to my name; I believe that I	am the original, firs	st and sole inventor (if	only one nan	ne is listed below)	or an original, f	first and
joint inventor (if plural names ar	re listed below) of	the subject matter whi	ch is claimed	and for which a	patent is sough	t on the
invention entitled "	ACT	IVE DRIVER	. <u></u>	," the specif	fication of whicl	h: ☑ is
attached hereto; □ was filed on _	as A	Application Serial No		and was amend	led on	(if
applicable); □ was filed as PCT	International Applic	cation No.	on _		and was amende	d under
Article 19 on						
identified specification, including	g the claims, as am	nended by any amendr	nent(s) referi	ed to above. I ac	cknowledge the	duty to
disclose to the Patent and Trader	mark Office all info	ormation known to me	to be materia	al to patentability	as defined in 37	7 C.F.R.
§1.56.						
In the event that the filin	ng date and/or App	lication No. are not en	tered above a	t the time I execut	te this documen	t, and if
such information is deemed nece	ssary, I hereby auth	orize and request my a	attorneys/age	nt(s) at Marshall, (Gerstein & Boru	ın, 6300
Sears Tower, 233 S. Wacker Dr	rive, Chicago, IL	60606-6357, to insert	above the fi	ling date and/or A	Application No.	of said
application.						
I hereby claim foreign	priority benefits u	nder 35 U.S.C. §119	of any foreig	gn application(s)	for patent or in	ventor's
certificate or of any PCT interna	ational application(s) designating at least	one country	other than the Ur	nited States of A	America
listed below and have also identi	fied below any fore	eign application(s) for p	atent or inve	ntor's certificate o	r any PCT inter	national
application(s) designating at leas	st one country other	r than the United State	s of Americ	a filed by me on t	the same subjec	t matter
having a filing date before that of	f the application(s) of	of which priority is clai	med:			
		·			Priority (Claimed
2003-40091	Republic of Korea	June 20, 2003	-		Ø	
(Application Serial Number)	(Country)	(Day/Month/Year Fil	ed)		Yes	No
(Application Serial Number)	(Country)	(Day/Month/Year Fil	ed)		Yes	No
I hereby claim the benef	īt under 35 U.S.C. {	§119(e) of any United S	States provisi	onal application(s)	listed below:	
(Application Serial Number)			(Day/M	(onth/Year Filed)		
(Application Serial Number)			(Day/M	onth/Year Filed)		
I hereby claim the bene	fit under 35 U.S.C.	§120 of any United S	tates applicat	tion(s) or PCT inte	ernational applic	cation(s)
designating the United States of	America listed belo	w and, insofar as the si	ıbject matter	of each of the clai	ms of this applic	cation is
not disclosed in the prior applica	tion(s) in the mann	er provided by the firs	paragraph o	f 35 U.S.C. §112,	I acknowledge	the duty
to disclose to the Office all infor	mation known to m	e to be material to pate	entability as d	lefined in 37 C.F.F	R. §1.56 which o	occurred
between the filing date of the price	or application(s) and	d the national or PCT in	nternational f	iling date of this ap	pplication:	
(Application Serial Number)	(Day/Month/Yea	nr Filed)	(Status-	Patented, Pending	or Abandoned)	
(Application Serial Number)	(Day/Month/Yea	ar Filed)	(Status-	Patented, Pending	or Abandoned)	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John B. Lungmus	18,566	Kevin D. Hogg	31,839	Gregory C. Mayer	38,238
Allen H. Gerstein	22,218	Jeffrey S. Sharp	31,879	Michael R. Weiner	38,359
Nate F. Scarpelli	22,320	Martin J. Hirsch	32,237	David C. Read	39,811
Michael F. Borun	25,447	Richard M. Labarge	32,254	Thomas A. Miller	40,091
Carl E. Moore, Jr.	26,487	James J. Napoli, Ph.D.	32,361	William K. Merkel	40,725
Richard H. Anderson	26,526	Robert M. Gerstein	34,824	Sandip H. Patel	43,848
Patrick D. Ertel	26,877	Michael R. Hull	35,902	Kevin M. Flowers	44,684
Richard B. Hoffman	26,910	Anthony G. Sitko	36,278	William J. Kramer	46,229
James P. Zeller	28,491	David A. Gass	38,153		
Thomas I. Ross	29,275				

Send correspondence to: MICHAEL R. HULL

FIRM NAME	PHONE NO.	STREET	CITY & STATE	ZIP CODE
Marshall, Gerstein & Borun	312-474-6300	6300 Sears Tower 233 South Wacker Drive	Chicago, Illinois	60606-6357

Full Name of First or Sole Inventor Jun Gi CHOI	Citizenship Republic of Korea
Residence Address – Street Ichon-Shi, Republic of Korea	Post Office Address - Street Samwon Apt. 106-903, Choji-Ri, Daewol-Myun, Ichon-Shi, Kyungki-Do, Republic of Korea
City (Zip) 467-850	City (Zip) 467-850
State or Country Republic of Korea	State or Country Republic of Korea
Date ☑ November 1, 2003	Signature Choi Fig.

Full Name of Second or Joint Inventor	Citizenship	
Chang Seok KANG	Republic of Korea	
Residence Address - Street	Post Office Address - Street	
Ichon-Shi, Republic of Korea	Hynix Semiconductor Inc., Godamkisuksa 101-401,	
	Godam-Dong, Ichon-Shi,	
	Kyungki-Do, Republic of Korea	
City (Zip)	City (Zip)	
467-140	467-140	
State or Country	State or Country	
Republic of Korea	Republic of Korea	
Date	Signature, 10	
☑ November 1, 2003	1 Chang Seok Cang	

APPLICABLE RULES AND STATUTES

37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.